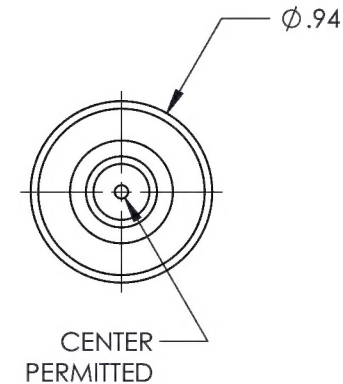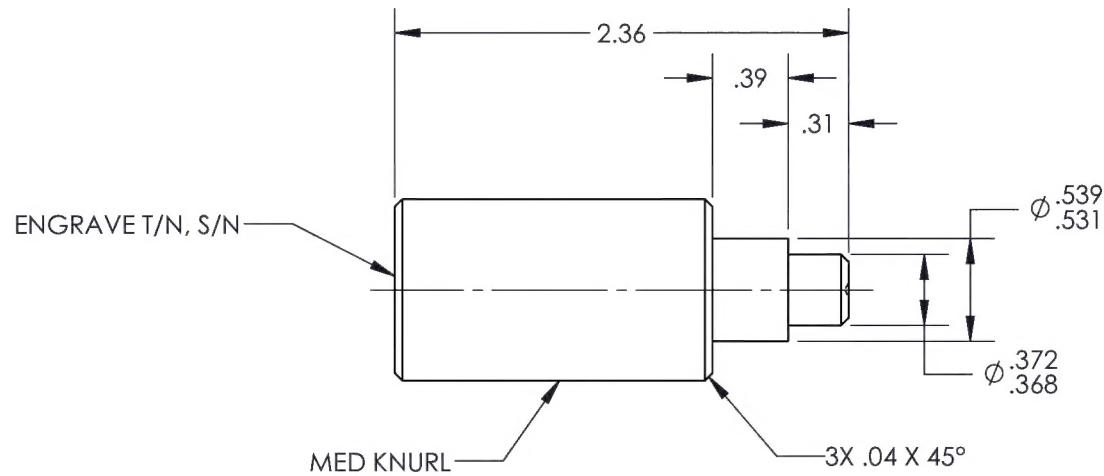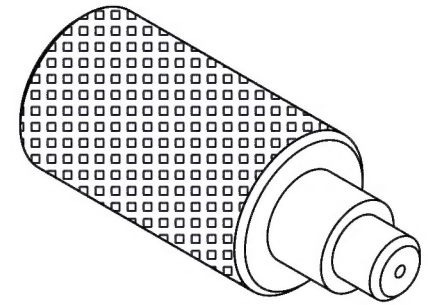| REVISIONS						
REV	ECR	DESCRIPTION		DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.		7/13/2017	DPD	JAG

-1
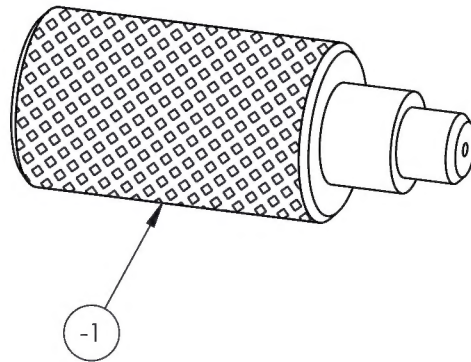
NOTES:
1. REF. AIRBUS T/N: 105-14201W1.
2. USED ON MODELS:
    EC145, EC645, H145, H145M, BK117, BO105.

DART AEROSPACE

TITLE	CONTROL LEVEL BUSHINGS MANDREL

DWG NO.	RBE105-14201W1	REV 1

MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT		.XXX ± .005 FRACTIONS ± 1/8
FINISH		.XX ± .01 ANGLES ±.5°
SPEC		.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

DRAWN BY:	DD 06/29/2017
CHECKED:	RJC 06/29/2017
OPPS APPR:	AA 07/10/2017
QA APPR:	JL 07/10/2017
APPROVED:	JAG 07/17/2017

USED ON MODEL
SEE NOTE 2

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	MANDREL	4140/4142		2
		B/O	-3	1	SMALL PISTOL CASE	PLASTIC	(RSR GROUP #10137)	N/S

SCALE	1:1	DATE	6/29/2017	SHEET 1 OF 2

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

2.36

.39

.31

ENGRAVE T/N, S/N

$\phi \begin{smallmatrix} .539 \\ .531 \end{smallmatrix}$

$\phi \begin{smallmatrix} .372 \\ .368 \end{smallmatrix}$

MED KNURL

3X .04 X 45°

ϕ .94

CENTER PERMITTED

-1

MANDREL

DART AEROSPACE

TITLE	CONTROL LEVEL BUSHINGS MANDREL		
DWG NO.	RBE105-14201W1-1		REV 1

MAT'L	4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT	RC 28-34	.XXX ± .005 FRACTIONS ± 1/8	
FINISH	ZINC PLATE	.XX ± .01 ANGLES ±.5°	
SPEC	ASTM B633 TYPE I SC 2	.X ± .1 SURFACES = 125	
DRAWN BY:	DD 06/29/2017	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED:	RJC 06/29/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR:	AA 07/10/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR:	JL 07/10/2017	USED ON MODEL	
APPROVED:	JAG 07/17/2017	SEE NOTE 2, SHEET 1	
SCALE 1:1	DATE 6/29/2017	SHEET 2 OF 2	